

FORM PTO-1390  
(Rev 5-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

**ZAHFRI P744US**

U.S. APPLICATION NO. (If known, use 37 CFR 1.5)  
**10/532508**

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

**PCT/EP2003/011684**

**October 22, 2003**

**October 26, 2002**

TITLE OF INVENTION

**SYSTEM AND METHOD FOR DETERMINING AN AIR CONTENT, AIR RELEASE ABILITY AND FOR FOAM FORMING ON OIL SURFACES**

APPLICANT(S) FOR DO/EO/US

**Magnus LEINEMANN and Arthur WETZEL**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau. (PCT/IB/308 mailed 06 May 2004).
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)), with original drawing(s), is attached.
6. ☐ The International Application, with paragraph numbering added thereto, is attached.
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An **UNSIGNED** oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 with PTO/SB/08A/08B.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment including 1 amended drawing and 1 formal drawing.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification w/Marked-Up Version of Amended Specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
 

|   |   |
|---|---|
| <input type="checkbox"/> Preliminary Examination Report<br><input type="checkbox"/> Annexes to Pre. Ex. Rep.<br><input checked="" type="checkbox"/> International Search Report<br><input checked="" type="checkbox"/> German Novelty Search Report<br><input checked="" type="checkbox"/> 12 copies of citations<br><input checked="" type="checkbox"/> Form PCT/IB/308<br><input checked="" type="checkbox"/> International Publ. No. <b>WO 2004/038386 A3</b> (Face page only) | <input checked="" type="checkbox"/> Copy of Request<br><input type="checkbox"/> Submission of Formal Drawings<br><input type="checkbox"/> sheet of formal drawings<br><input checked="" type="checkbox"/> Abstract<br><input type="checkbox"/> Applicant Claims Small Entity Status<br><input type="checkbox"/> Copy of Notification of File Missing Parts<br><input checked="" type="checkbox"/> German Language Specification |
|---|---|

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Transmittal Letter and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date **April 25, 2005** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EV 544788355 US** addressed to the: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

**Scott A. DANIELS**

(typed or printed name of person mailing paper)

(signature of person mailing paper)

17. ■ The following fees are submitted

JC13 Rec'd PCT/PTO 25 APR 2005

**Basic National Fee (37 CFR 1.492(a)(5):**

Search Report has been prepared by the EPO or JPO ..... \$1000.00  
 International preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(1) .. \$750.00  
 No international preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(2)  
 but international search fee paid to USPTO (37 CFR 1.445(a)(2)). ..... \$790.00  
 Neither international preliminary examination fee (37 CFR 1.492)(a)(3)  
 nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1,110.00  
 International preliminary examination fee paid to USPTO (37 CFR 1.492)(a)(4)  
 and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00  
 ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

1000

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months  
 from the earliest claimed priority date (37 CFR 1.492(e)).

0

| Claims  | Number Filed | Number Extra | Rate       |                        |    |
|---|--------------|--------------|------------|------------------------|----|
| Total Claims  | 14 - 20 =    | 0            | x \$ 50.00 | 0                      |    |
| Independent Claims  | 4 - 3 =      | 1            | x \$200.00 | 200                    |    |
| Multiple dependent claim(s) (if applicable)   |              |              | + \$360.00 | 0                      |    |
| TOTAL OF ABOVE CALCULATIONS =   |              |              |            | 1200                   |    |
| Reduction by 1/2 for filing by small entity, if applicable. Applicant Claims Small Entity Status. (Note 37 CFR 1.9, 1.27, 1.28).  |              |              |            | 0                      |    |
| SUBTOTAL =  |              |              |            | 1200                   |    |
| Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). |              |              |            | +                      | 0  |
| TOTAL NATIONAL FEE =  |              |              |            | 1200                   |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property                                |              |              |            | +                      | 0  |
| TOTAL FEES ENCLOSED =   |              |              |            | 1200                   |    |
|   |              |              |            | Amount to be: refunded | \$ |
|   |              |              |            | charged                | \$ |

a. ■ A check in the amount of \$ 1,200.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 04-0213 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.

c. ■ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to  
 Deposit Account No. 04-0213. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

  
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4/25/05

PATENT APPLICATION

#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Magnus LEINEMANN and Arthur WETZEL  
Serial no. :  
For : SYSTEM AND METHOD FOR DETERMINING  
AN AIR CONTENT, AIR RELEASE ABILITY AND  
FOR FOAM FORMING ON OIL SURFACES  
Docket : ZAHFRI P744US

**MAIL STOP PCT**

The Commissioner for Patents  
U.S. Patent & Trademark Office  
P. O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF PROPOSED DRAWING AMENDMENTS  
FOR APPROVAL BY EXAMINER (37 CFR 1.123)  
AND NEW FORMAL DRAWINGS**

Dear Sir:

Attached hereto please find a copy of Fig. 2 of the original drawings with red ink markings showing proposed changes to the drawing of this application for which the approval of the Examiner is requested. **Also enclosed are new formal drawings including the requested amendments.**

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,



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